

007707 = 20098960

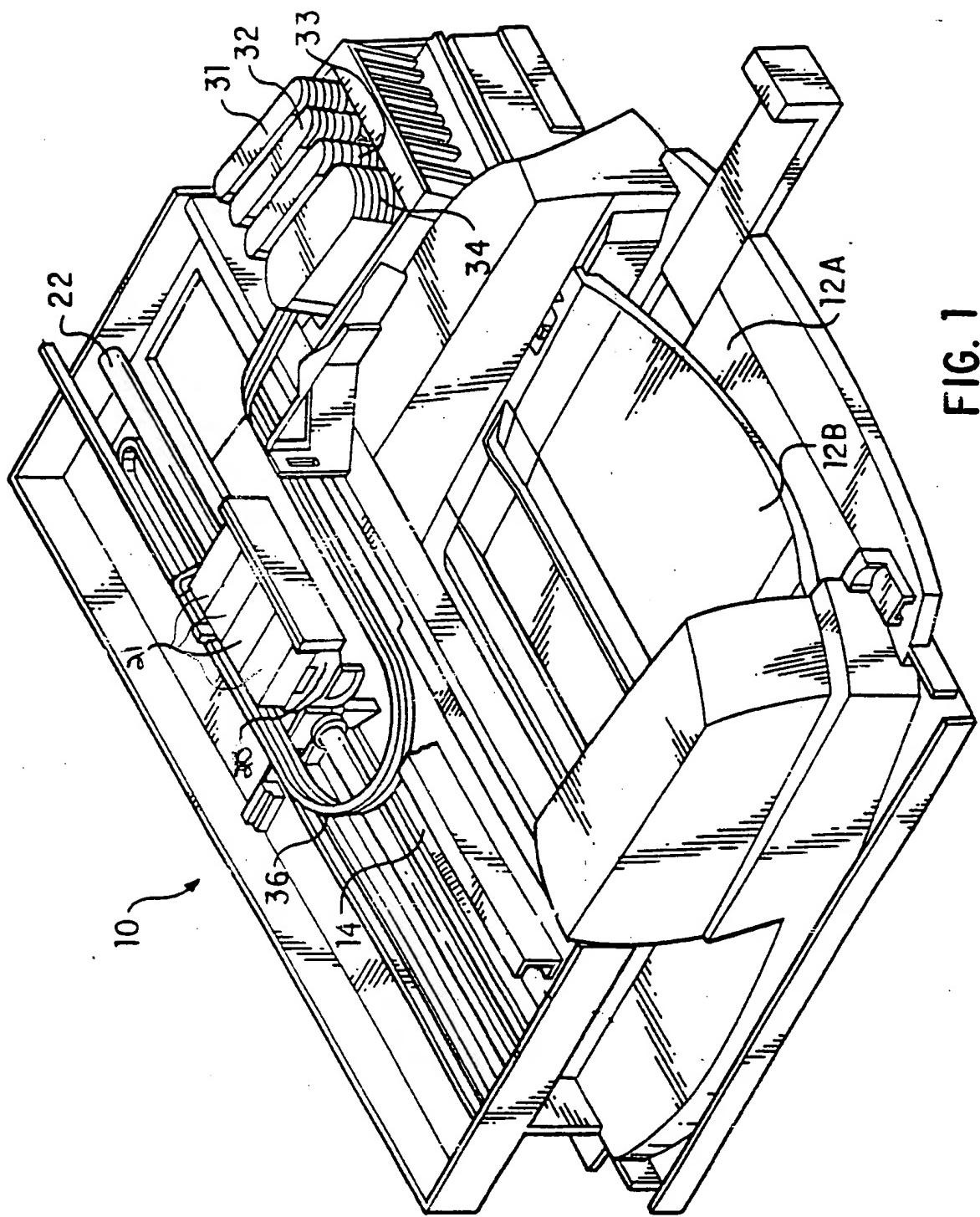


FIG. 1

000 T T 00 T = 2' 2 10 22 22 22 22

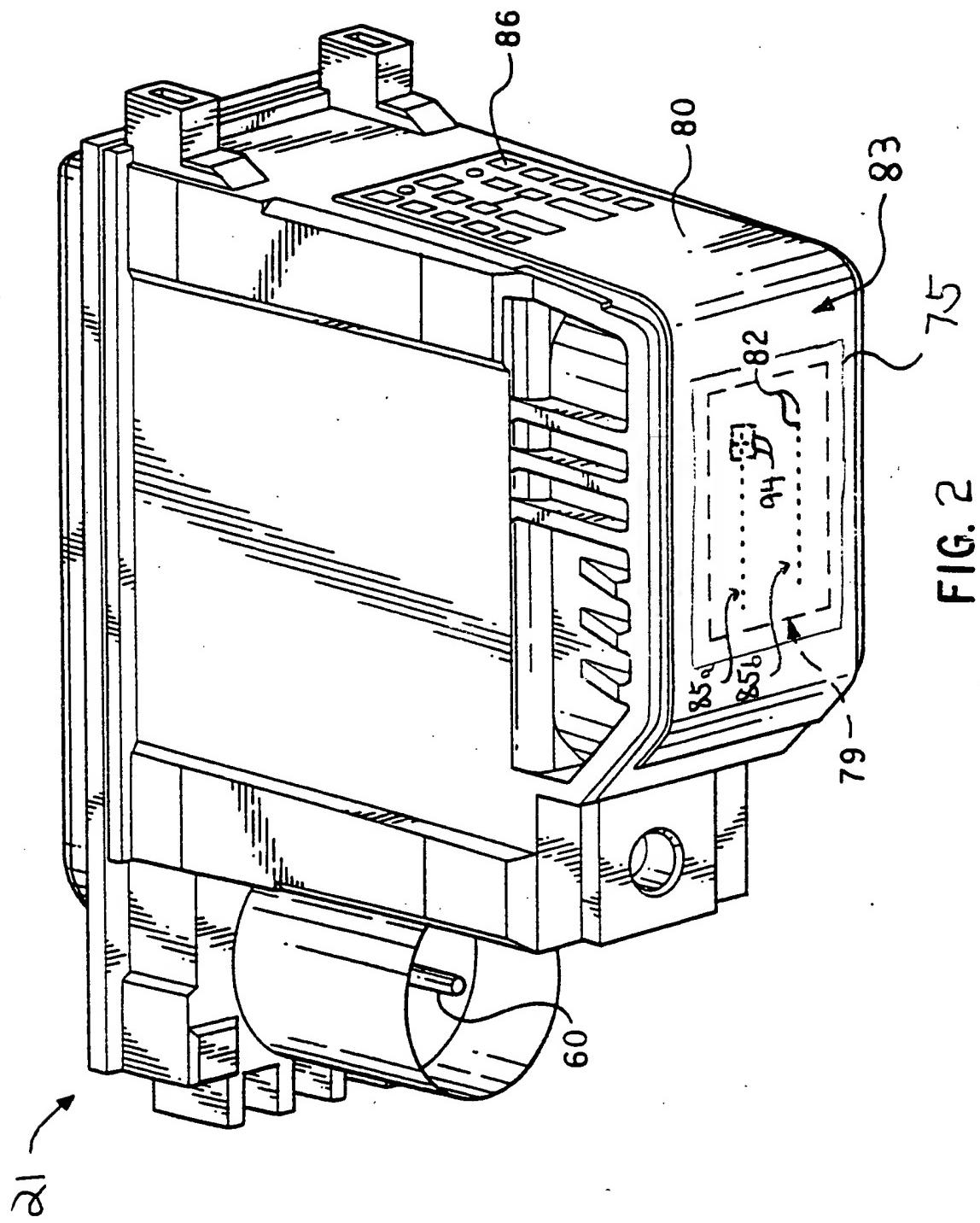


FIG. 2

DRAFT TOP SECRET

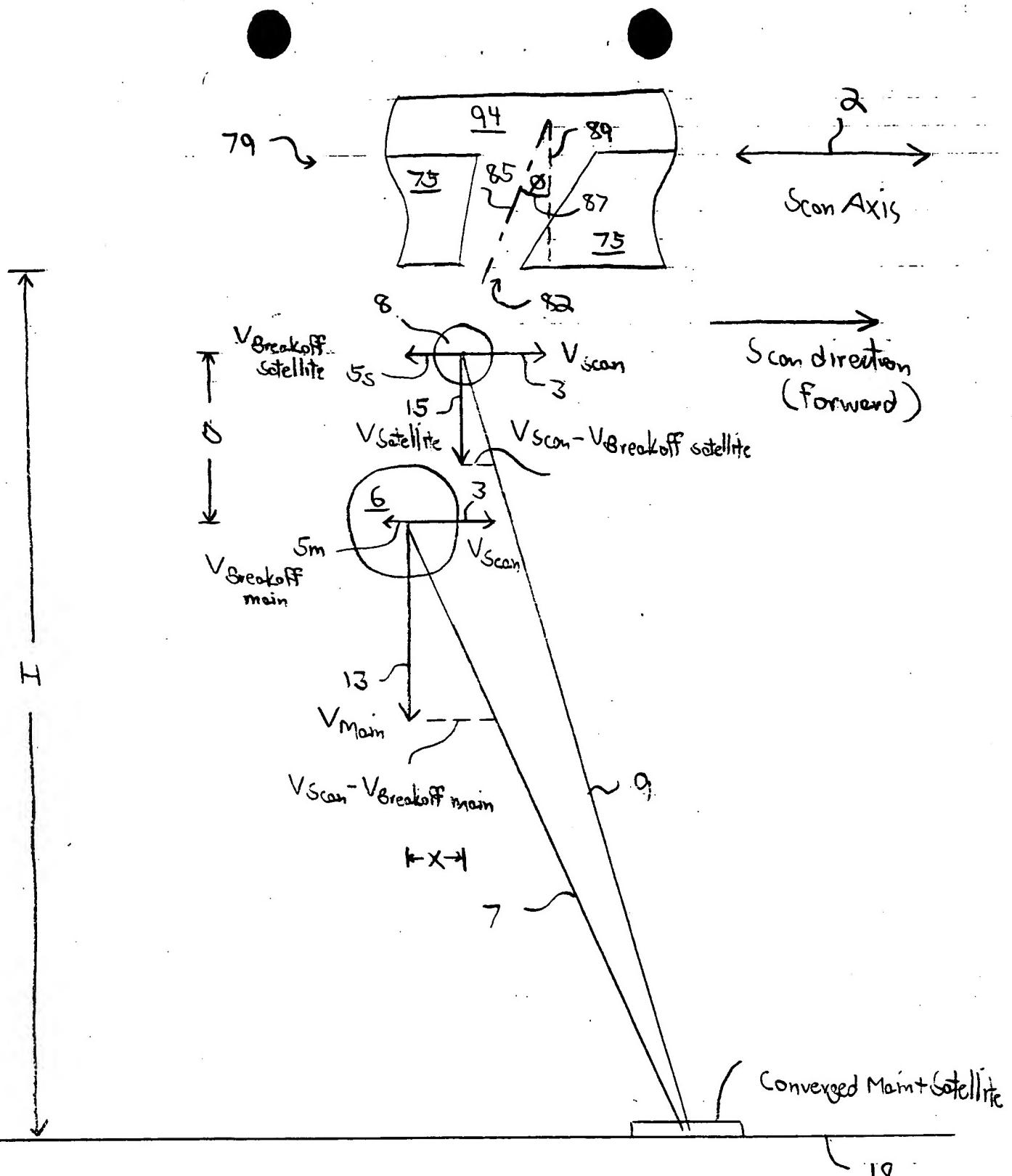
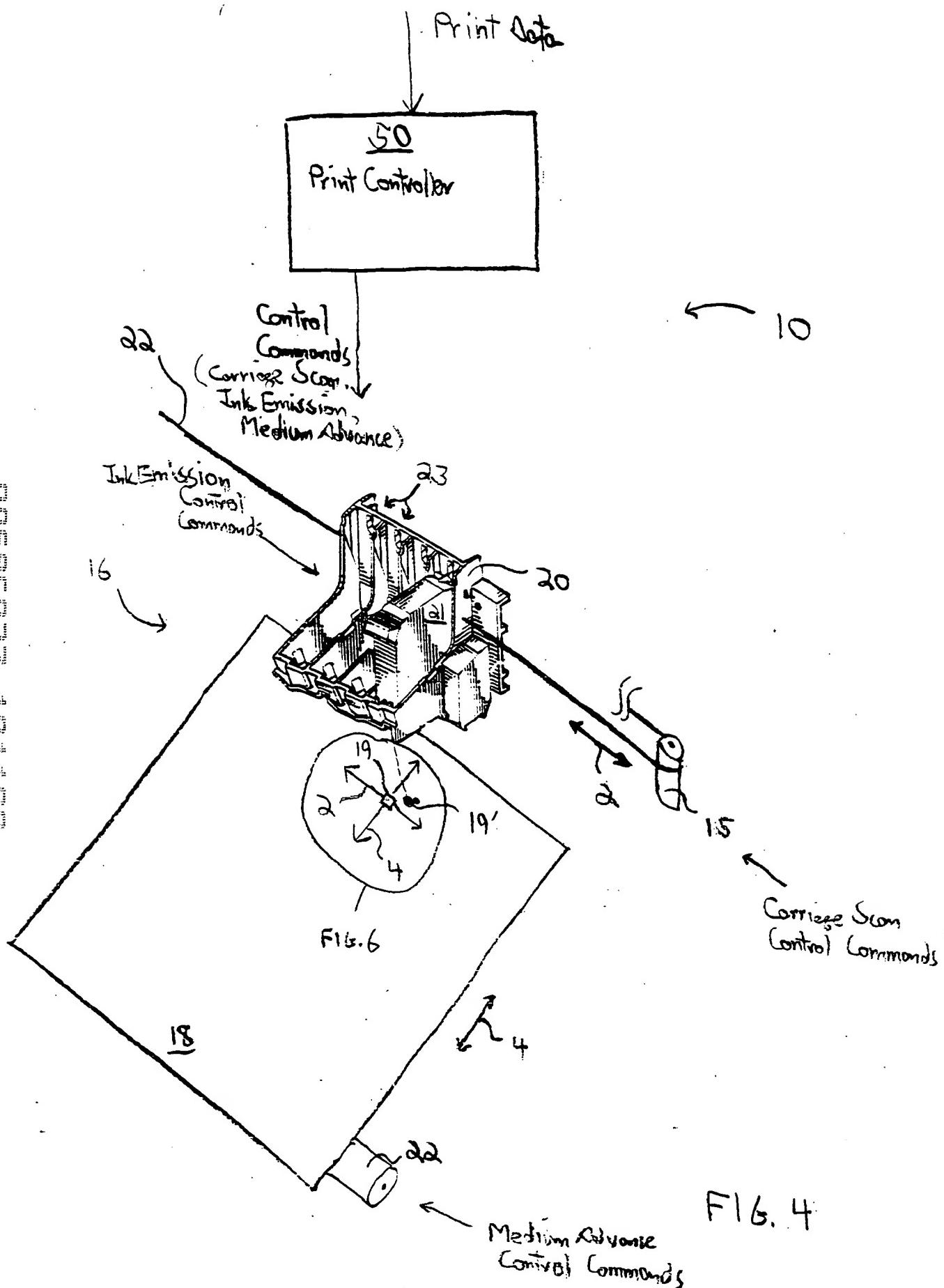


FIG. 3



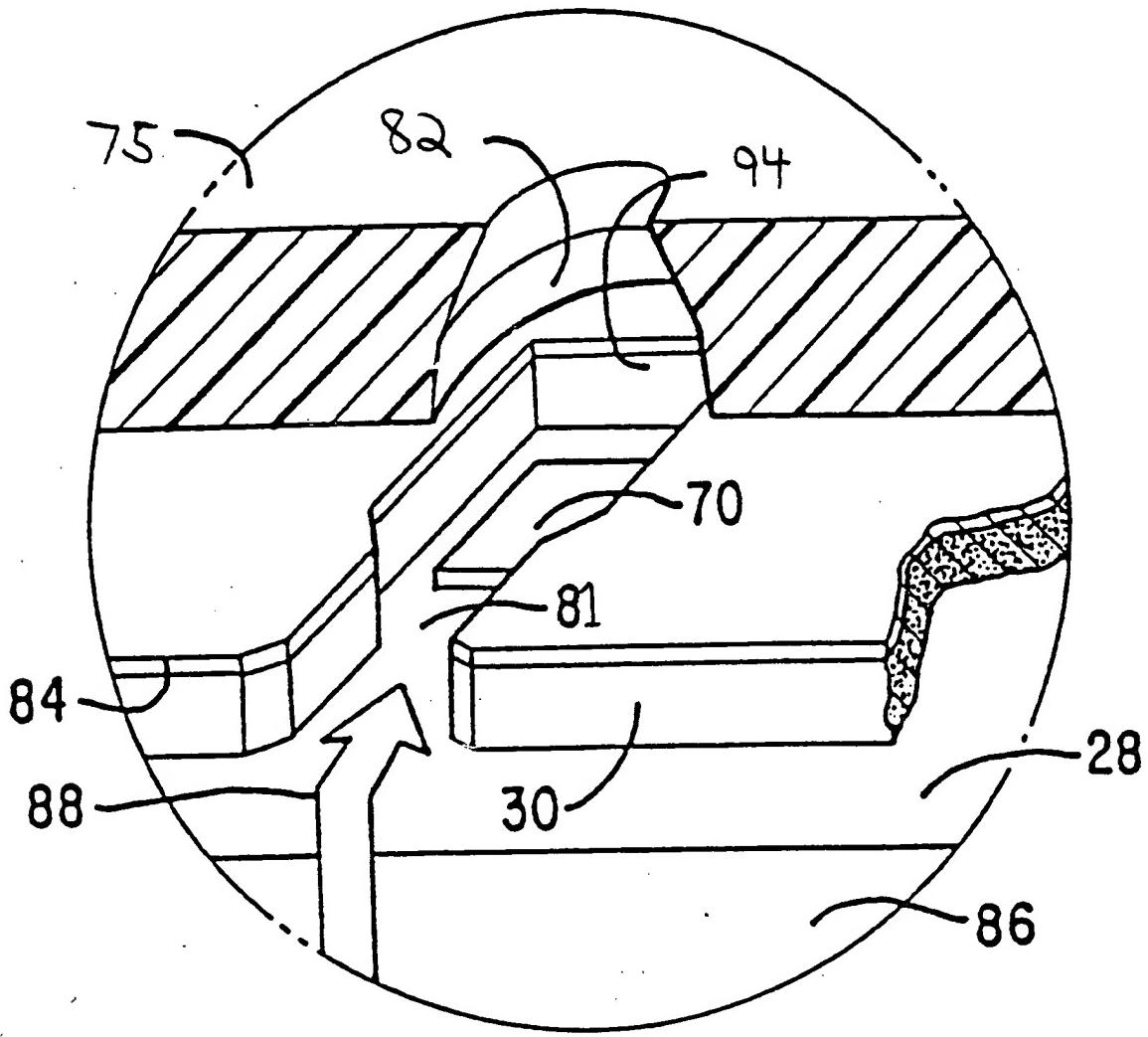


FIG. 5

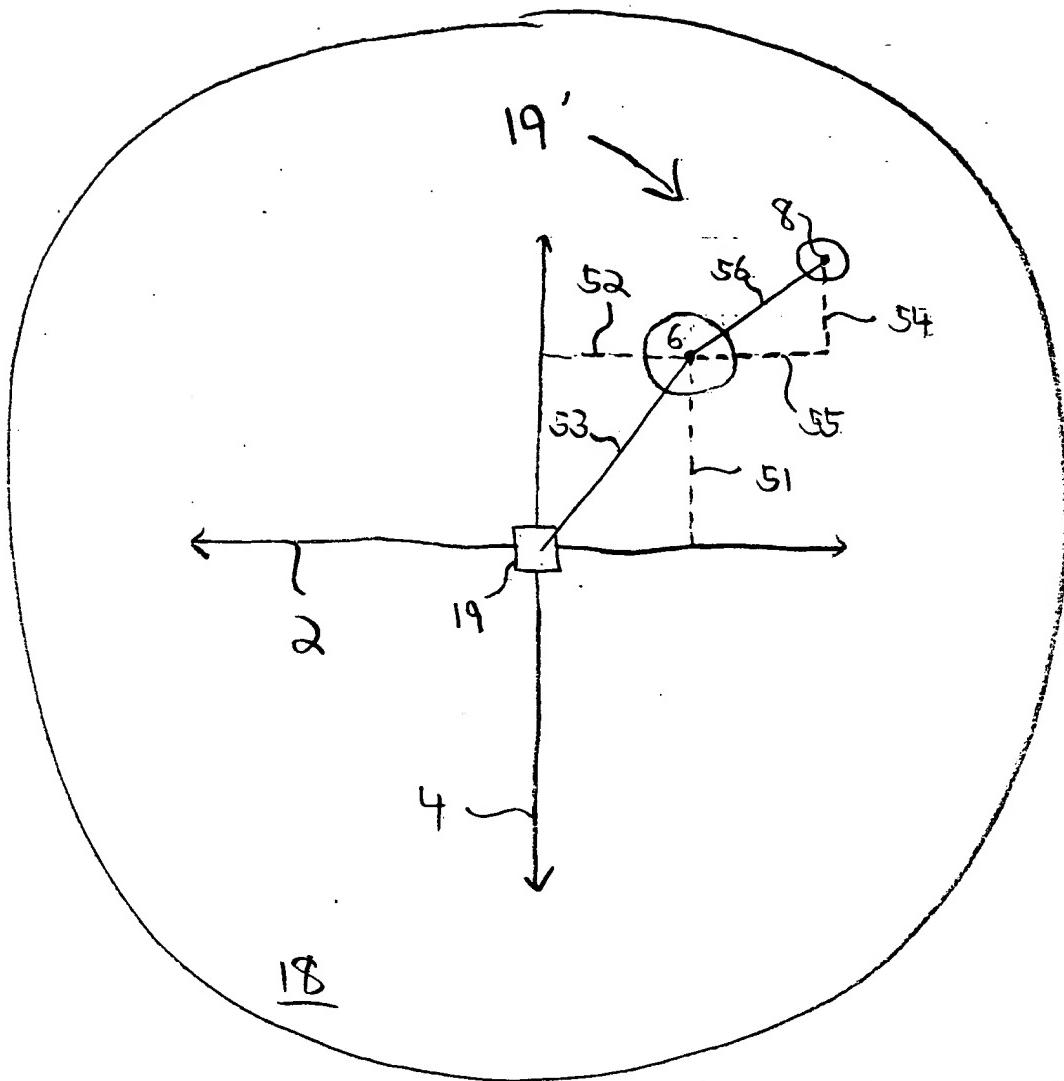


FIG. 6

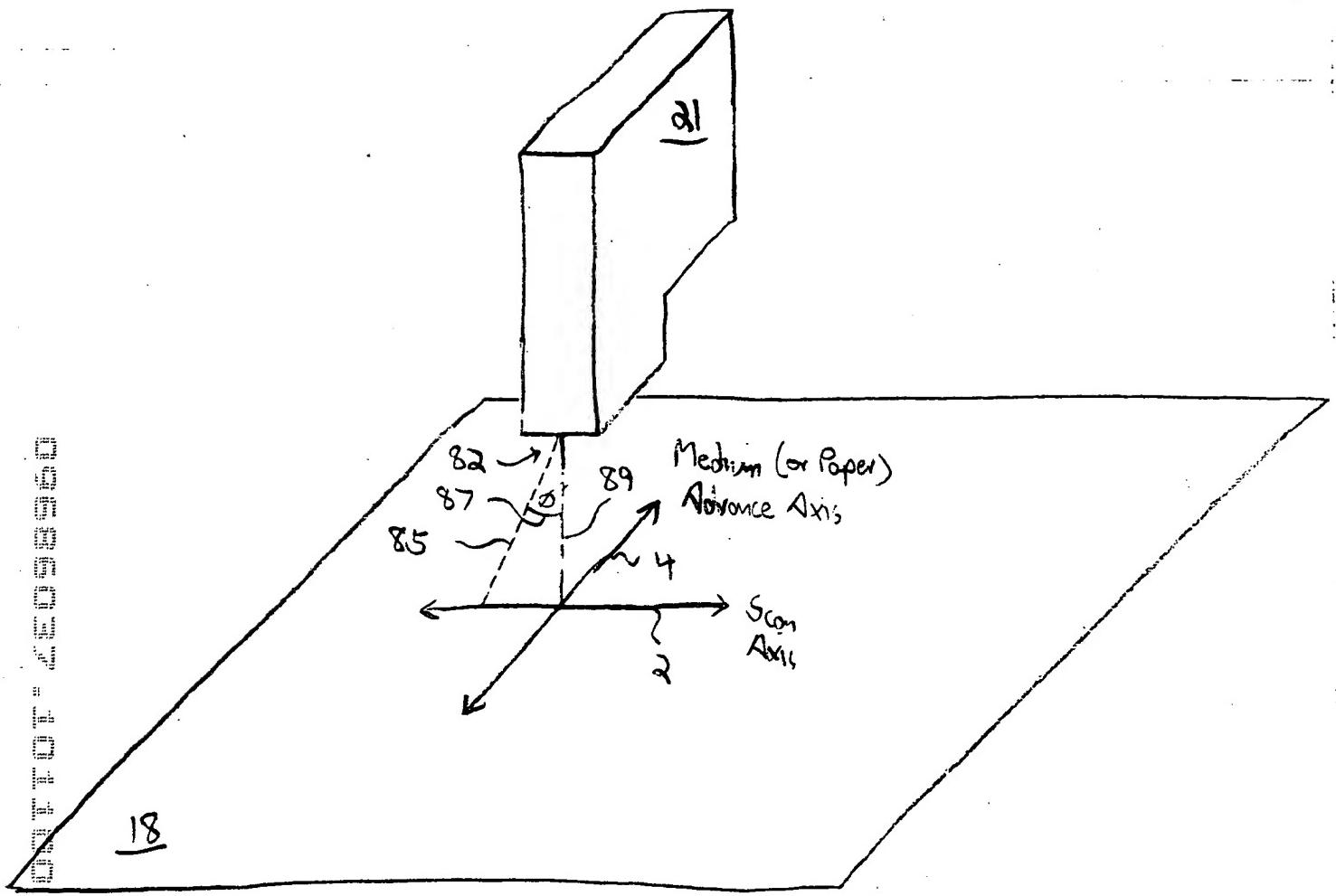


FIG. 7

END Scan direction

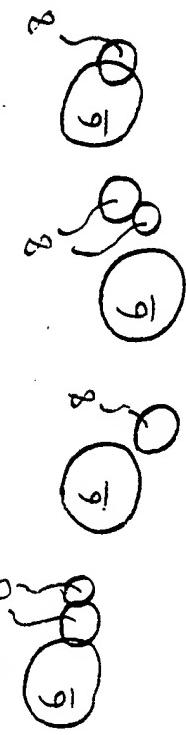
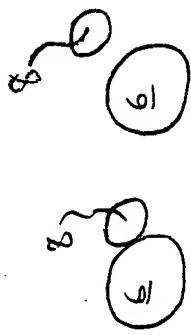
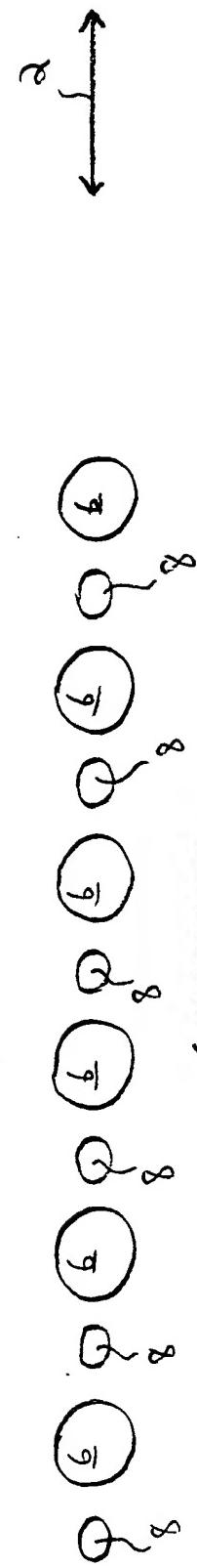
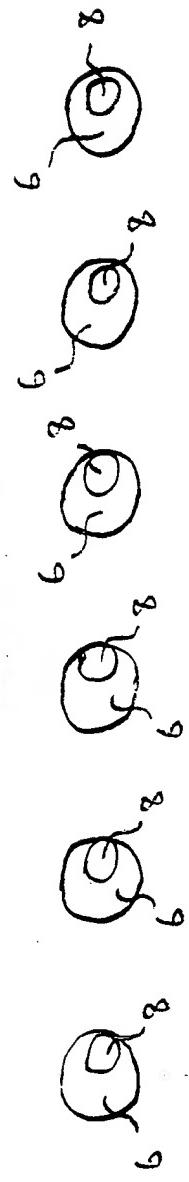


Fig. 8A

Fig. 8B

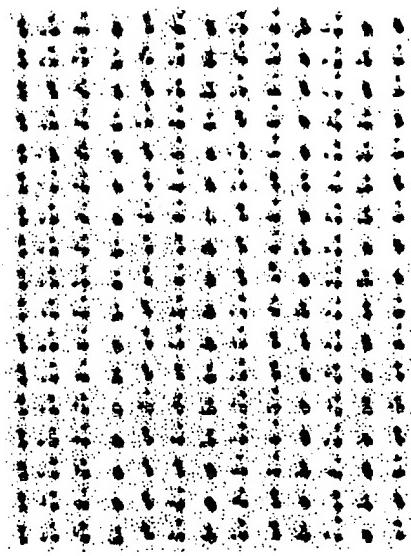
Scan direction (forward)



Scan direction (reverse)

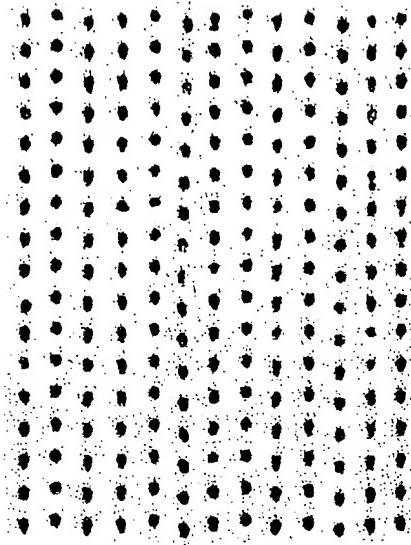
Fig. 8C

Fig. 9A

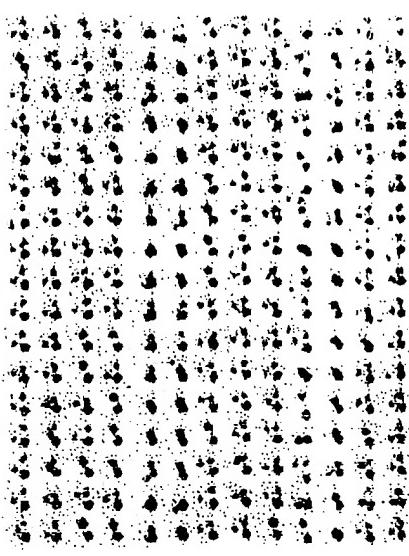


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Fig. 9C



Circular Bore, No Nozzle Tilt



Asymmetric Bore and/or Nozzle Tilt

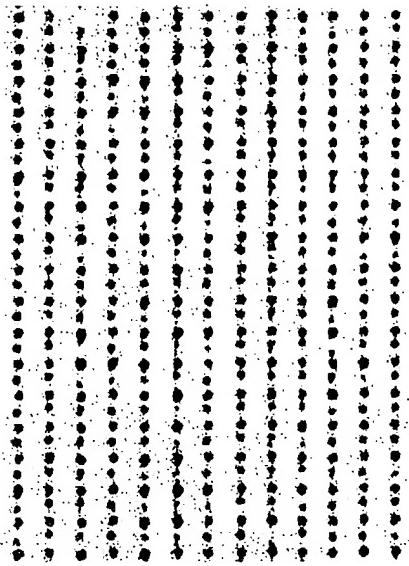


Fig. 9B

Fig. 9D

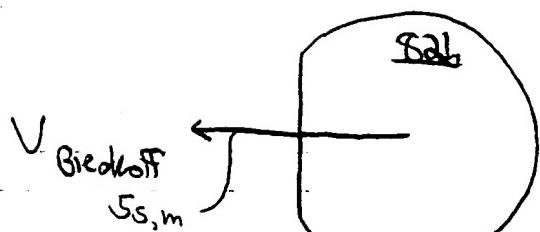
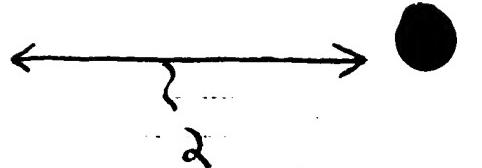
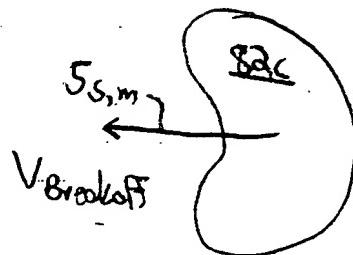


FIG. 10B

Lopsided Circle



Cashew

FIG. 10C

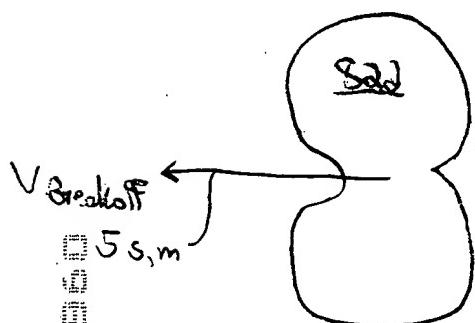


FIG. 10D

Lopsided Figure-8

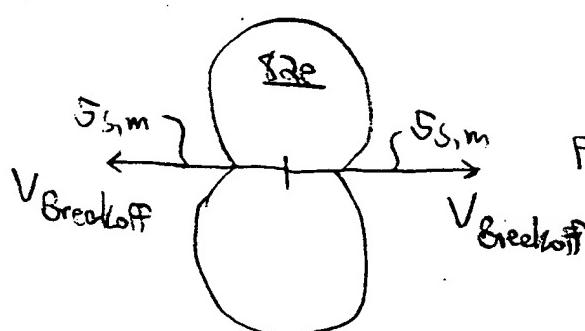


Figure-8

FIG. 10E

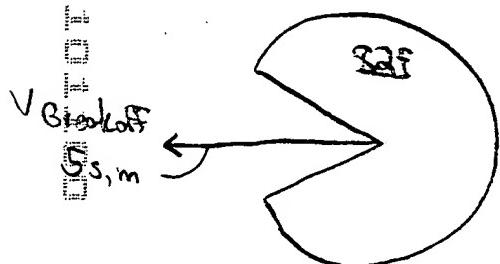


FIG. 10F

Pie-shaped

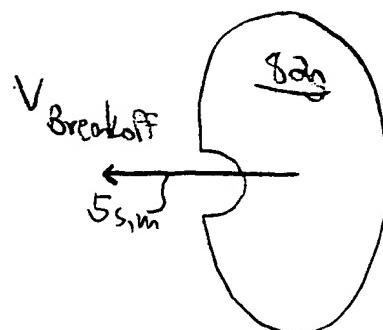


FIG. 10G

Lopsided Cashew

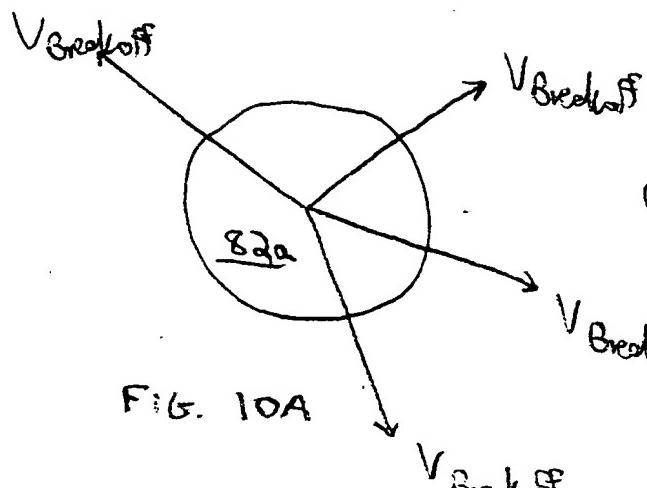


FIG. 10A

Circular

200

FIG. 11

START

Provide a printhead with nozzles whose bore axes are tilted from orthogonal (with respect to the plane of the medium) along the scanning axis in the forward or rearward direction according to one of the following configurations:

Odd Nozzles	Even Nozzles
Forward	Forward
Forward	Rearward
Rearward	Forward
Rearward	Rearward

202

204

Move the printhead relative to the print medium along the scanning axis in the forward or rearward direction

206

While moving, controllably eject main drops from selected nozzles onto the medium with a first trajectory

208

Responsively eject satellite drops from the selected nozzles onto the medium with a second trajectory which has the same displacement in the medium advance direction as the first trajectory

210

Advance the print medium relative to the printhead in the medium advance direction

212
Printing complete ?

No

Yes

END

214
Type of Printmode ?

Bidirectional

Unidirectional

216

Reverse the direction of printhead motion

218
Move the printhead in the opposite direction without printing